

Beef Improvement Research, MO, TX

Texas A&M University AgriLife Research, 1500 Research Parkway, College Station, TX 77843

Beef is the number one gross income sector for agriculture and the backbone of many rural communities. With bioenergy and additional pressures related to the environment, scientific advances are critical in feeding efficiency to maintain this economic driver in rural communities. Amount Requested: \$2,000,000

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Borderlands Conservation Initiative

Sul Ross State University, P.O. Box C-114, Alpine, TX 79832

The Borderlands Conservation Initiative at Sul Ross State University works with private landowners and developers to implement sound conservation practices that will not only protect vital natural resources such as water and wildlife, but also will promote more economically viable farm and ranch lands. Amount Requested: \$1,526,440

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County of Kinney Upper Las Moras Creek Dam 1 & 2

County of Kinney, P.O. Box 188, Bracketville, TX 78832

The County of Kinney intends to make improvements to Las Moras Creek Dam 1 & 2 in order to comply with regulations by the Texas Commission on Environmental Quality, U.S. Department of Agriculture: Natural Resources Conservation Services and the Federal Emergency Management Administration. This includes removing brush and debris on the embankments, spillways and outlet pipes. It will also enable the County to develop an Emergency Action Plan due to the homes that are currently in the path of the spillways. Amount Requested: \$1,895,000

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Designing Foods for Health, TX

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Increasing fruits and vegetables from 400 to 600 grams/day is expected to reduce the risk of coronary heart disease and stroke as well as health care costs by \$2,000/person/year. Prevention is a more desirable path to decrease the morbidity and mortality associated with heart disease and diabetes. The benefit of the proposed interdisciplinary research will reach consumers, health care providers, farmers, and government agencies through healthier lifestyles and the reduction of health care costs. Amount Requested: \$ 3,400,000

Efficient Irrigation, NM, TX, Extension Activities

Texas A&M University AgriLife Research, 1500 Research Parkway, College Station, TX 77843

This initiative focuses on reducing the amount of irrigation water needed to produce crops economically, conserving water and helping to meet rapidly expanding urban water demands. Extension project personnel provide training, education and technical assistance to agricultural producers, urban residents and municipal water system operators, teaching them about irrigation system efficiency. Amount Requested: \$2,500,000

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Efficient Irrigation, NM, TX, Research Activities

Texas A&M University AgriLife Research, 1500 Research Parkway, College Station, TX 77843

This cooperative and education initiative focuses on reducing the amount of irrigation water needed to produce crops economically, conserving water and helping to meet rapidly expanding urban water needs. Research activities funded by the project cover all 31 counties in the Rio Grande Basin watershed in Texas. Project personnel provide research, training and technical assistance for priority issues to agricultural producers, urban residents, irrigation district personnel, municipal water system operators, consulting engineers, irrigation district managers and others. Amount Requested: \$2,000,000

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Sustainable Agricultural Freshwater Conservation, TX

Sul Ross State University, P.O. Box C-114, Alpine, TX 79832

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The primary project goal is to create a basin-wide perspective for management of the scarce water resources of the Rio Grande. Better management of the water resources will affect domestic, agricultural and industrial use as well as in-stream flows critical to habitat and quality of life. Amount Requested: \$ 2,021,000

Wool Research, MT, TX, WY

Texas A&M University AgriLife Research, 1500 Research Parkway, College Station, TX 77843

The two major objectives of the program are to develop a fine-wool sheep capable of producing significantly finer and more valuable wool that is well adapted to western ranges in the United States and to provide technical support for projects designed to increase the profitability of sheep and goat enterprises and improve productivity and safety of western rangelands. Sheep and goats are an important component of the ranching community and jobs created comprise a significant part of the regional economy. Amount Requested: \$300,000